PGL

CALIBRATION PUMP –400 … 400 mbar / –160 … 160 iwc

Specifications

PGL	
Output pressure: [1]	–400 … +400 mbar / –160 … 160 iwc
Adjusting sensitivity:	< ±0.05 mbar / 0.02 iwc [2]
Pressure change after 1 min waiting time and readjustment: [3]	< 0.3 mbar / min / 0.12 iwc / min
Wetted parts	Stainless steel, nitrile rubber, polyacetal
Dimensions:	283 mm x 114 mm x 110 mm 11.1" x 4.5" x 4.3"
Weight:	~1.8 kg / 4.0 lbs
Output connector:	– G1/8" female – preinstalled Bx G1/8" male fitting for Beamex 40 bar (600 psi) hoses
Pressure media:	Air
Storage temperature:	–20 to 60°C / –4 to 140°F
Operating temperature:	0 to 50°C / 32 to 122°F
Humidity:	< 95%RH
Standard delivery:	• 40 bar T-hose set • basic tools for maintenance • hard carrying case (complete kit contents)
Optional accessories:	• hard carrying case • 40 bar pressure hoses and fittings

The PGL calibration pump can be used to generate accurate and stable reference pressure for low pressure calibrations on range ±400 mbar (±160 iwc). The innovative design and material choices minimize the impact of environmental temperature changes during calibration. The pressure can be adjusted with screw-operated coarse and fine adjustment.

For up-to-date list and prices for accessories, please visit webshop at shop.beamex.com

Please see 'Pressure fittings guide' at shop.beamex.com

[1] Depending on the volume of the test setup. With smaller volumes (max. 20 ml / 0.68 fl.oz) you can also operate in the following pressure ranges: –0.7 to 3.0 bar / –281 to 1204.4 iwc.

[2] Into a volume of max. 20 ml / 0.68 fl.oz.

[3] In stable conditions and a volume of max. 20 ml / 0.68 fl.oz.